

## R52HnD

The R52HnD is an update to our popular miniPCI wireless card. It works in either 2.4 or 5GHz and now has even higher power (400mW).

## Specifications

|                       |                            |
|-----------------------|----------------------------|
| Product code          | R52HnD                     |
| Chipset               | AR9220                     |
| Wireless              | 2.4 / 5 GHz (selectable)   |
| Frequency range       | 2200-2700 or 4800-6100 MHz |
| Standards             | 802.11a/b/g/n              |
| Max output power      | 400 mW                     |
| Format                | miniPCI                    |
| Dimensions            | 60 x 55 x 7mm              |
| Connectors            | 2x MMCX                    |
| Supported channels    | 5/10/20/40 MHz             |
| Temperature           | -40°C to +70°C             |
| MAX power consumption | 7 W                        |
| ESD protection        | +/- 15 kV                  |

## Wireless specifications

| Rate (2.4 GHz) | Tx | Rx   |
|----------------|----|------|
| 1MBit/s        | 26 | -100 |
| 11MBit/s       | 26 | -94  |
| 6MBit/s        | 26 | -96  |
| 54MBit/s       | 25 | -80  |
| MCS0           | 23 | -96  |
| MCS7           | 23 | -78  |

| Rate (5 GHz) | Tx | Rx  |
|--------------|----|-----|
| 6MBit/s      | 26 | -96 |
| 54MBit/s     | 25 | -80 |
| MCS0         | 23 | -96 |
| MCS7         | 21 | -78 |

